

FIG. 1  
(PRIOR ART)

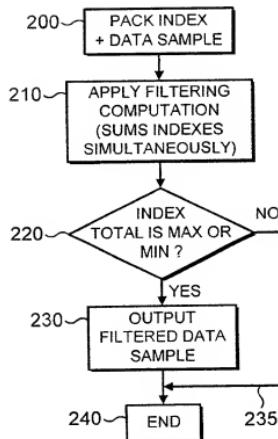


FIG. 2

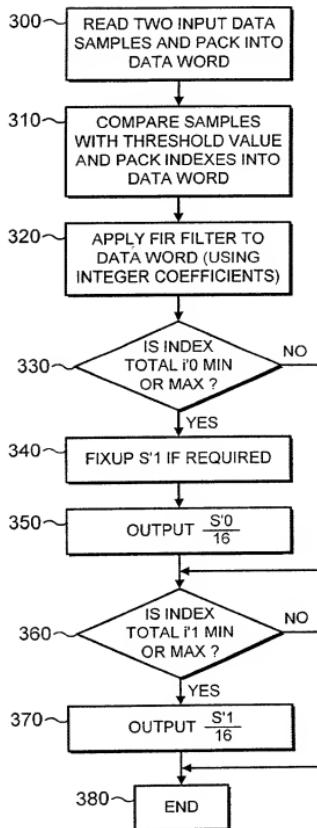


FIG. 3

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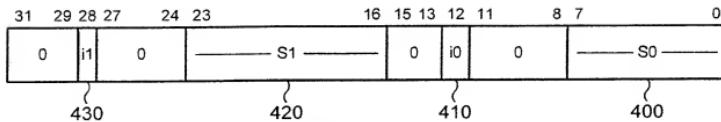


FIG. 4A

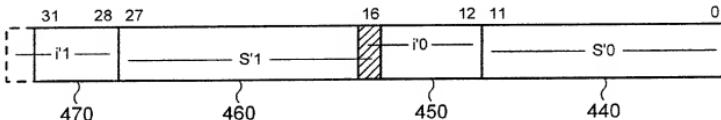


FIG. 4B

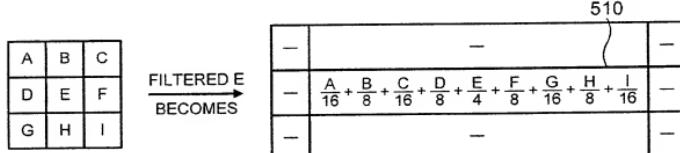


FIG. 5A

$$\begin{bmatrix} \frac{1}{16} & \frac{1}{8} & \frac{1}{16} \\ \frac{1}{8} & \frac{1}{4} & \frac{1}{8} \\ \frac{1}{16} & \frac{1}{8} & \frac{1}{16} \end{bmatrix} = \frac{1}{16} \begin{bmatrix} 1 & 2 & 1 \\ 2 & 4 & 2 \\ 1 & 2 & 1 \end{bmatrix}$$

520 530

FIG. 5B

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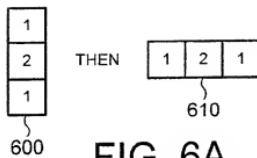


FIG. 6A

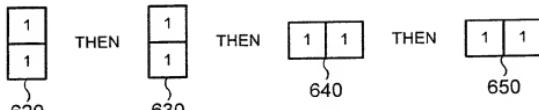


FIG. 6B

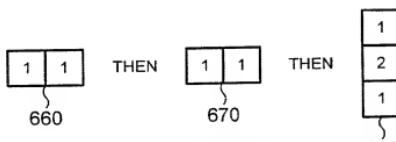


FIG. 6C

i0 OR i1   
700

AND MASK   
710

→   
720

IF  $b \cdot d \cdot c \cdot e = 0$

THEN OUTPUT  $\frac{S'0}{16}$  OR  $\frac{S'1}{16}$  RESPECTIVELY

FIG. 7

EXTRACT  $\frac{S'0}{16}$

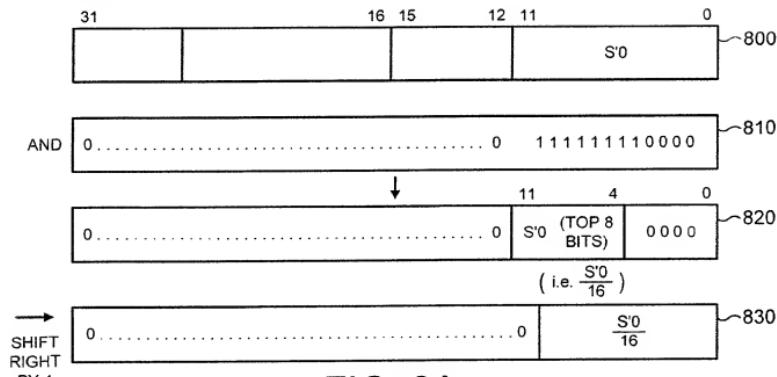


FIG. 8A

EXTRACT  $\frac{S'1}{16}$

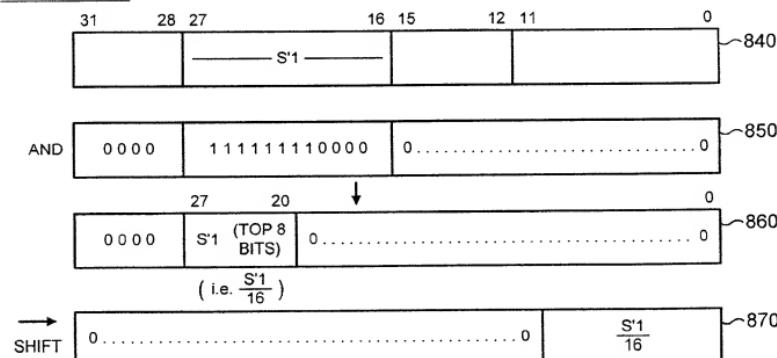


FIG. 8B

20005070-8th8507

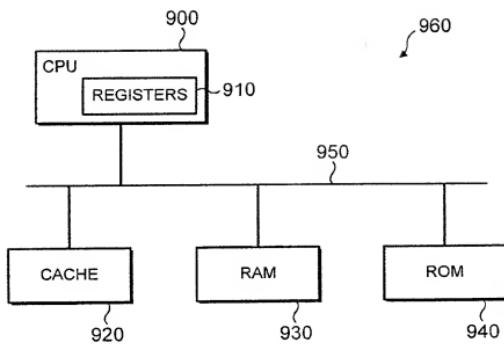


FIG. 9